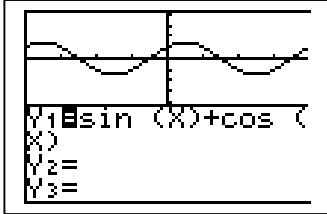
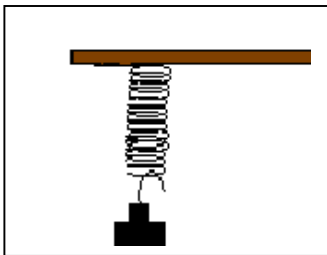


Table of Contents



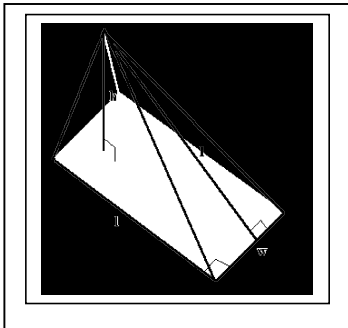
Activity #1: Understanding Sinusoids Worksheet

- **Teacher version**
- **Student version**



Activity #2: An Investigation of the Sinusoidal Curve

- **Teacher version**
- **Student version**



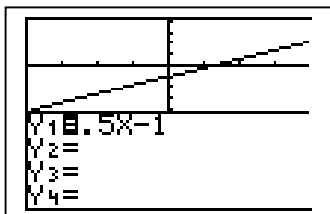
Activity #3: Volume Investigation

- **Teacher version**
- **Student version**



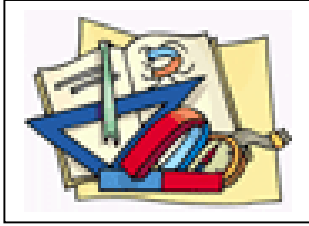
Activity #4: Careers

- **Teacher version**
- **Student version**



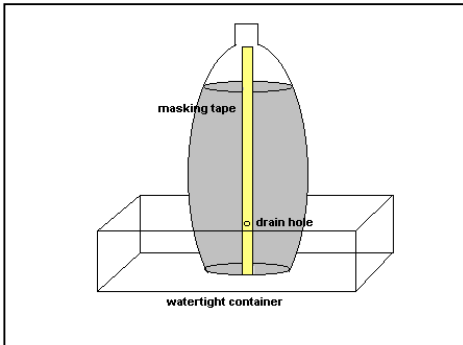
Activity #5: Lesson on Linear Equations

- **Teacher version**
- **Student version**



Activity #6: Circle Investigation

- **Teacher version**
- Student version



Activity #7: Quadratic Equation Model (Graphing Calculator)

- **Teacher version**
- Student version

Activity #8: Quadratic Equation Model (Spreadsheet)

- **Teacher version**
- Student version

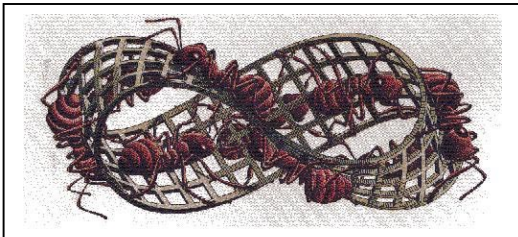
Activity #9: Quadratic Equation Model (Algebraic)

- **Teacher version**
- Student version



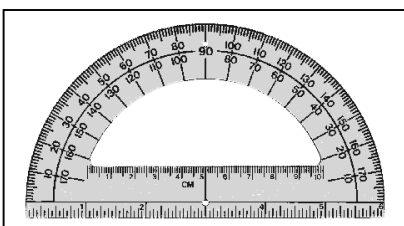
Activity #10: Mathematicians --- Old and New!

- **Teacher version**
- Student version



Activity #11: Investigation of the Möbius Strip

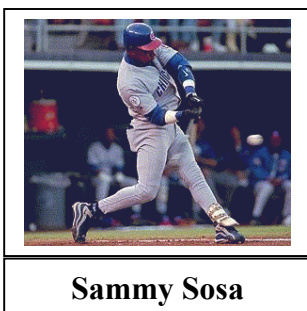
- **Teacher version**
- Student version



Activity #12: How Tall is the School Building?

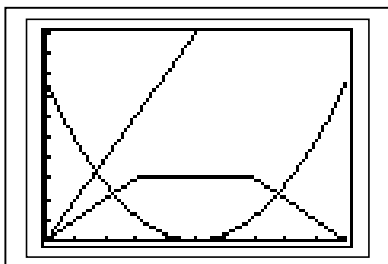
Angle of Elevation Project

- **Teacher version**
- Student version



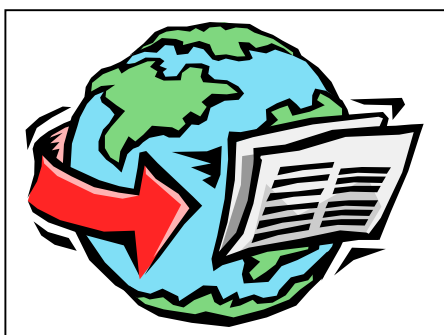
Activity #13: Comparing Reaction Times in Three Sports

- **Teacher version**
- Student version



Activity #14: Technology: Lines, Parabolas, and More

- **Teacher version**
- Student version



Activity #15: Math in the News

- **Teacher version**
- Student version